



Available online at www.sciencedirect.com



Earth-Science Reviews 70 (2005) 315



www.elsevier.com/locate/earscirev

Contents Volume 70, 2005

Research Papers

Archaean atmospheric evolution: evidence from the Witwatersrand gold fields, South Africa H.E. Frimmel	1
The role of stratotypes in stratigraphy: Part 2. The debate between Kleinpell and Hedberg, and a proposal for the codification of biochronologic units S.L. Walsh	47
The role of stratotypes in stratigraphy: Part 3. The Wood Committee, the Berkeley school of North American mammalian stratigraphic paleontology, and the status of provincial golden spikes S.L. Walsh	75
Stress variability and brittle tectonic structures R. Caputo	103
Fold geometry: a basis for their kinematical analysis F. Bastida, J. Aller, N.C. Bobillo-Ares and N.C. Toimil	129

Book Review

The great Ordovician biodiversification event P. Smith	165
---	-----

Research Papers

Ancient sand-rich submarine fans: depositional systems, models, identification, and analysis F. Mattern	167
Magnitude and frequency in proglacial rivers: a geomorphological and sedimentological perspective P.M. Marren	203
The last British Ice Sheet: A review of the evidence utilised in the compilation of the Glacial Map of Britain D.J.A. Evans, C.D. Clark and W.A. Mitchell	253

Book Review

Review of "Science, Philosophy and Physical Geography" M.G. Kleinhans	313
--	-----